

**IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

International Application No. : PCT/EP04/06777  
 International Filing Date : 06/23/2004  
 U.S. Serial No. : 10/564,276  
 Deposit Date U.S. Nat'l Phase : 01/11/2006  
 Priority Date(s) Claimed : 07/11/2003  
 Applicant(s) : Atsutaka MANABE et al.  
 Title: LIQUID-CRYSTALLINE MEDIUM

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
 UNDER 35 U.S.C. § 371  
 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 11213-1450

Sir:

In response to the Notification of Missing Requirements dated April 27, 2006:

- Attached is a Declaration and Power of Attorney in compliance with 37 CFR § 1.53 along with the late filing surcharge of \$130.00
- Applicant(s) include an executed assignment and Recordation Form Cover Sheet with the recordation fee of \$40.00 (Check No. 36833).
- Attached is a copy of the Notification of Missing Requirements.
- Applicant(s) request that the time for taking action in this case be extended pursuant to 37 CFR 1.136(a) for a period of one month along with the fee of \$120.00.
- Applicant(s) are entitled to small entity status.
- Attached is a verified English translation of the PCT publication along with the fee of \$130.00.
- Attached is a Preliminary Amendment.
- Applicant(s) include the extra claims fee of \$        for        claims in excess of 20        per additional claim, for        independent claims in excess of 3        per additional claim, and/or        for multiple dependent claims.
- Attached is the Sequence Disclosure (paper/disk versions) with the appropriate statement as required

- Attached is an Application Data Sheet (ADS).
- Attached are the substitute drawings as required.

Attached is a check in the amount of \$250.00, check no.: 36834. However, the Commissioner is hereby authorized to charge fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402.

Respectfully submitted,



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Anthony J. Zelano  
Registration No. 27,969  
Attorney/Agent for Applicants

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Attorney Docket No.: MERCK-2115

Date: July 12, 2006

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## UNITED STATES PATENT AND TRADEMARK OFFICE

MAY - 1 2006

UNITED STATES DEPARTMENT OF COMMERCE  
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[www.uspto.gov](http://www.uspto.gov)

|                               |                       |                  |
|-------------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO.   | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/564,276                    | Atsutaka Manabe       | MERCK-3115       |
| INTERNATIONAL APPLICATION NO. |                       |                  |
| PCT/EP04/06777                |                       |                  |
| I.A. FILING DATE              | PRIORITY DATE         |                  |
| 06/23/2004                    | 07/11/2003            |                  |
| CONFIRMATION NO. 8859         |                       |                  |
| 371 FORMALITIES LETTER        |                       |                  |
| <br>*OC000000018624420*       |                       |                  |

CASE \_\_\_\_\_  
 ACTION *Msg re M/S*  
 DUE DATE *6/27/06*

Date Mailed: 04/27/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/11/2006
- Copy of the International Search Report filed on 01/11/2006
- Preliminary Amendments filed on 01/11/2006
- Information Disclosure Statements filed on 01/11/2006
- U.S. Basic National Fees filed on 01/11/2006
- Priority Documents filed on 01/11/2006
- Specification filed on 01/11/2006
- Claims filed on 01/11/2006
- Abstracts filed on 01/11/2006

CASE \_\_\_\_\_  
 ACTION \_\_\_\_\_  
 DUE DATE \_\_\_\_\_  
 \_\_\_\_\_

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

07/17/2006 MKAYPAGH 00000120 10564276

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130.00 0P

*[Handwritten signature]*

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

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Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

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| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/564,276                  | PCT/EP04/06777                | MERCK-3115       |

FORM PCT/DO/EO/905 (371 Formalities Notice)